

# NCDR Quality Reporting

## Maryland Health Care Commission 3/9/11

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# *Data Quality Reports (DQR)*



- Is a way of checking the quality of your data
- It looks for data errors and completeness
- Passing ensures well-formed data
- Data must pass DQR to be included in the Outcomes Report



# Quality Check

Administration      Reports      Data      Res

☐ Bookmark      American College of

Action v2  
NCDR Maintenance  
Patient -- Add & Search  
Episode -- Search & Edit  
Episode  
Discharge  
Medications  
Reperfusion and Procedures  
Clinical Events  
Lab Results  
Optional  
**Quality Check**

Quality Check

Search for

Error Category    
Error Severity

0 of 0      0 Items      10 /Page      Go

Error Severity	Error Category	Error Code	Error Message
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Patient: kimberly hust...  
DOB: 10/1/1940

Once data fields have been corrected, you must re-select Quality Check

# Data Assessment Errors

Administration

Reports

Data

Resources

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[American College Of Cardiology](#)
[Logout Kim Hu](#)

Action v2

NCDR Maintenance

Patient -- Add & Search

Episode -- Search & Edit

Episode

Discharge

Medications

Reperfusion and Procedures

Clinical Events

Lab Results

Optional

Quality Check

Quality Check

Search for

Go

Error Category

All

Error Severity

All

1

of 2

11 Items

10 /Page

Go


Error Severity	Error Category	Error Code	Error Message
Error	Dates	2300	Date of Discharge (11000) 9/22/2009 is prior to the Arrival Date (3200) 9/23/2009.
Error	Dates	2310	Date of Discharge (11000) 9/22/2009 is prior to the Admission Date (3210) 9/23/2009.
Error	Dates	2390	ED Transfer Out Date/Time (3221)/(3222) 9/23/2009, 13:45 is either prior to Arrival Date/Time (3200/3201) 9/23/2009, 13:15 or after Discharge Date (11000) 9/22/2009.
Error	Dates	2500	GP IIb/IIIa Inhibitor Start Date/Time (6802)/(6803) 9/23/2009, 12:35 is either prior to First Medical Contact Date/Time (3105/3106) 9/23/2009, 12:00 or after Discharge Date (11000) 9/22/2009.
Error	Dates	2510	GP IIb/IIIa Inhibitor Stop Date/Time (6804)/(6805) 9/23/2009, 22:00 is either prior to First Medical Contact Date/Time (3105/3106) 9/23/2009, 12:00 or after Discharge Date (11000) 9/22/2009.
Error	Dates	2530	Enoxaparin Start Date/Time (6861)/(6862) 9/24/2009, 9:00 is either prior to First Medical Contact Date/Time (3105/3106) 9/23/2009, 12:00 or after Discharge Date (11000) 9/22/2009.
Error	Dates	2600	Diagnostic Coronary Angiography Date/Time (7021)/(7022) 9/23/2009, 14:00 is either prior to Arrival First Facility Date/Time (3120/3121) 9/23/2009, 12:30 or after Discharge Date (11000) 9/22/2009.


Patient: kimberly hust...


DOB: 10/1/1940


NCDR Patient ID: 12919


Other ID:

 **AMERICAN COLLEGE of CARDIOLOGY FOUNDATION**

**American Heart Association** 

 **American College of Emergency Physicians**  
ADVANCING EMERGENCY CARE

 **SOCIETY OF CHEST PAIN CENTERS**

 **shm**  
Society of Hospital Medicine

## How AR-G Sites Submit Data

	Administration	Reports	Data																																										
<div style="border: 1px solid black; padding: 2px; margin-bottom: 2px;">ACTION v2</div> <div style="background-color: #a9a9a9; padding: 2px; margin-bottom: 2px;">NCDR Maintenance</div> <div style="padding: 2px; margin-bottom: 2px;">Patient -- Add &amp; Search</div> <div style="padding: 2px;">Episode -- Search &amp; Edit</div>	<div style="display: flex; justify-content: space-between; border-bottom: 1px solid black;"> <span>Submit to DQR</span> <span>Transferring Facility Admin</span> <span>Participant Admin</span> <span>Data Extracts</span> </div> <div style="text-align: right; color: purple; margin-top: 10px;"><u>Submission Status</u></div> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr style="background-color: #a9a9a9;"> <th></th> <th>Timeframe</th> <th># Patients</th> <th># Episodes</th> <th>Bookmark</th> <th>System Alerts</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td>2010Q2</td> <td style="text-align: center;">1</td> <td style="text-align: center;"><u>1</u></td> <td style="text-align: center;">0</td> <td style="text-align: center;"><u>1</u></td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td>2010Q1</td> <td style="text-align: center;">8</td> <td style="text-align: center;"><u>9</u></td> <td style="text-align: center;">1</td> <td style="text-align: center;"><u>9</u></td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td>2009Q4</td> <td style="text-align: center;">9</td> <td style="text-align: center;"><u>13</u></td> <td style="text-align: center;"><u>2</u></td> <td style="text-align: center;"><u>9</u></td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td>2009Q3</td> <td style="text-align: center;">4</td> <td style="text-align: center;"><u>5</u></td> <td style="text-align: center;">0</td> <td style="text-align: center;"><u>2</u></td> </tr> <tr> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td>2009Q2</td> <td style="text-align: center;">1</td> <td style="text-align: center;"><u>1</u></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td>2009Q1</td> <td style="text-align: center;">3</td> <td style="text-align: center;"><u>3</u></td> <td style="text-align: center;">0</td> <td style="text-align: center;"><u>2</u></td> </tr> </tbody> </table>				Timeframe	# Patients	# Episodes	Bookmark	System Alerts	<input type="checkbox"/>	2010Q2	1	<u>1</u>	0	<u>1</u>	<input type="checkbox"/>	2010Q1	8	<u>9</u>	1	<u>9</u>	<input type="checkbox"/>	2009Q4	9	<u>13</u>	<u>2</u>	<u>9</u>	<input type="checkbox"/>	2009Q3	4	<u>5</u>	0	<u>2</u>	<input checked="" type="checkbox"/>	2009Q2	1	<u>1</u>	0	0	<input type="checkbox"/>	2009Q1	3	<u>3</u>	0	<u>2</u>
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# Core and Supporting Composites

Composites	Composite Threshold	Status	Resolution
Core	100%	Fail	You need to meet the threshold for 17 more elements
Supporting	80%	Fail	You need to meet the threshold for 3 more elements

## Element Summary

View By: Fail

<< Prev Page 1 of 3 Next >>



20

### Thresholds: Individual and Overall

**Core Composite: Overall T. is 100% : ALL elements must meet their Individual thresholds**

**Supporting Composite: Overall T. is 80%, meaning that 80% of elements must meet their Individual thresholds**

<u>2073</u>	Core	Race - American Indian or Alaskan Native	10	9	1	1	<u>Fail</u>
<u>2074</u>	Core	Race - Native Hawaiian or Pacific Islander	10	9	1	1	<u>Fail</u>
<u>2076</u>	Core	Hispanic or Latino Ethnicity	10	7	3	1	<u>Fail</u>
<u>3300</u>	Core	Insurance Payor - Private Health Insurance	9	8	1	1	<u>Fail</u>



# Data Completeness Assessment

Composites	Composite Threshold	Status	Resolution
Core	100%	Fail	You need to meet the threshold for 17 more elements
Supporting	80%	Fail	You need to meet the threshold for 3 more elements

## Element Summary



View By: Fail ▼

<< Prev Page 1 of 3 Next >>

20 ▼

<u>SeqNum</u>	<u>Composite</u>	<u>Element Name</u>	<u># Elements Assessed</u>	<u>Answered</u>	<u>Missing</u>	<u>Remaining (to pass)</u>	<u>Status</u>
<u>2050</u>	Core	Birth Date	10	9	1	1	<u>Fail</u>
<u>2060</u>	Core	Sex	10	9	1	1	<u>Fail</u>
<u>2071</u>	Core	Race - Black or African American	10	9	1	1	<u>Fail</u>
<u>2072</u>	Core	Race - Asian	10	9	1	1	<u>Fail</u>
<u>2073</u>	Core	Race - American Indian or Alaskan Native	10	9	1	1	<u>Fail</u>
<u>2074</u>	Core	Race - Native Hawaiian or Pacific Islander	10	9	1	1	<u>Fail</u>
<u>2076</u>	Core	Hispanic or Latino Ethnicity	10	7	3	1	<u>Fail</u>
<u>3300</u>	Core	Insurance Payor - Private Health Insurance	9	8	1	1	<u>Fail</u>



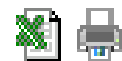




## Submission Results

View by:

Last 7 days



View by Time Frame:



Prev

Page 1 of 1

Next



20



Submission Quarter	Date Received	Tran Num	Number of Patients	Data Assessment	Completeness Assessment	Benchmark Inclusion Status
2008Q1	12/10/2008 3:25:13 PM	100	100	<u>Pass</u>	<u>Pass</u>	
2008Q1	12/10/2008 2:56:08 PM	100	10	<u>Pass</u>	<u>Fail</u>	
2008Q1	12/10/2008 2:25:14 PM	100	10	<u>Pass</u>	<u>Fail</u>	
2008Q1	12/9/2008 11:15:22 AM	100	20	<u>Fail</u>		
2008Q1	12/9/2008 11:03:03 AM	100	12	<u>Fail</u>		



Prev

Page 1 of 1

Next



20



## Next Steps

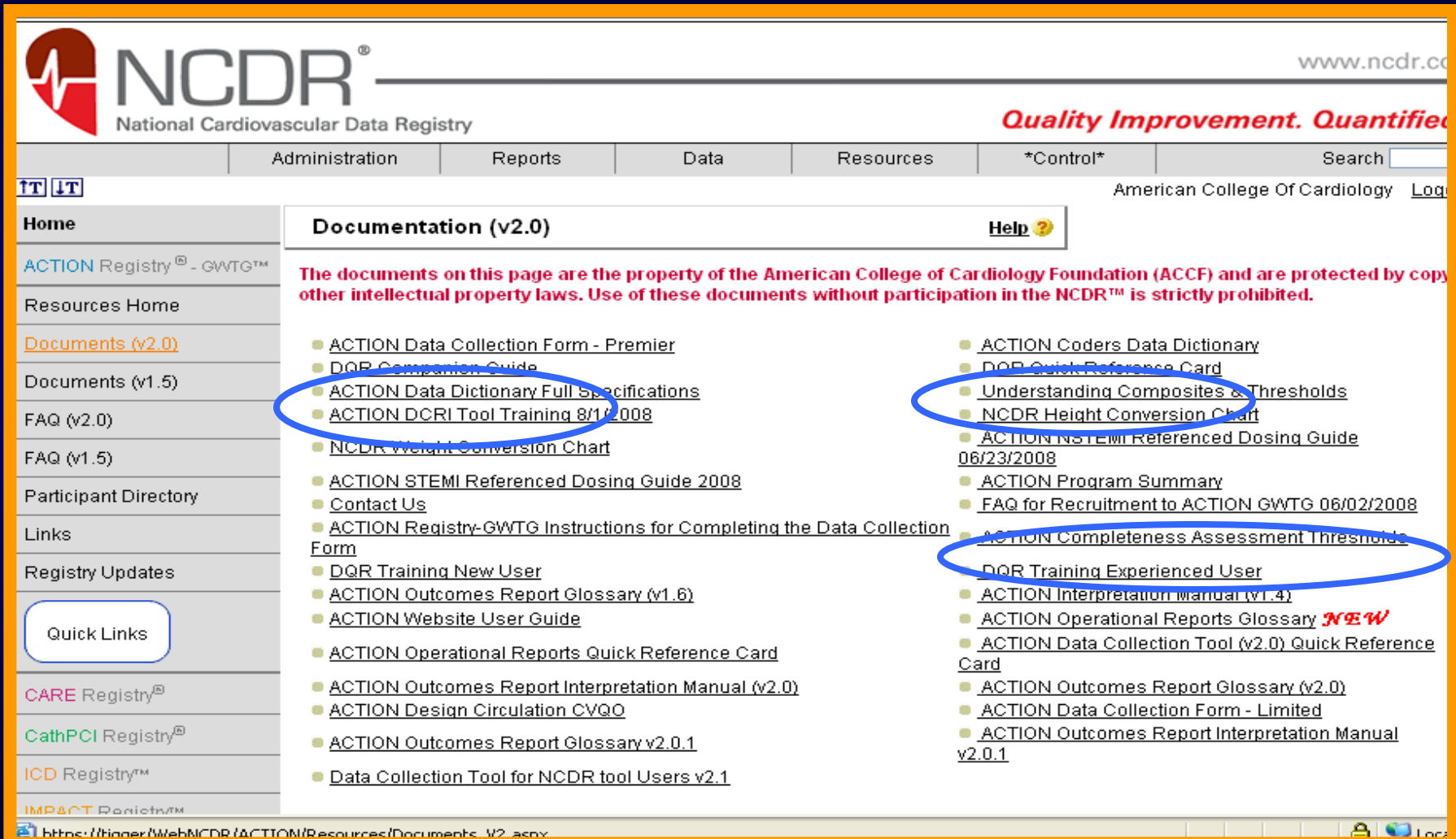
- **Go back to Data Tool and correct errors**
- **Save data**
- **Resubmit data to DQR**
- **View DQR results again to determine pass/fail**
- **Goal is to have PASS/PASS in both Data Assessment and Completeness Assessment**



## As you progress through the Quarter

- **Continue to add patient data**
  - Submit as you go
- **Continue to submit data to DQR**
  - Fast turn around time
  - Able to use available charts

# Documents to Assist



**NCDR**<sup>®</sup> National Cardiovascular Data Registry

www.ncdr.org

*Quality Improvement. Quantified.*

Administration Reports Data Resources \*Control\* Search

Home

ACTION Registry<sup>®</sup> - GWTG<sup>™</sup>

Resources Home

Documents (v2.0)

Documents (v1.5)

FAQ (v2.0)

FAQ (v1.5)

Participant Directory

Links

Registry Updates

Quick Links

CARE Registry<sup>®</sup>

CathPCI Registry<sup>®</sup>

ICD Registry<sup>™</sup>

IMPACT Registry<sup>™</sup>

**Documentation (v2.0)** [Help ?](#)

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- [ACTION Data Collection Form - Premier](#)
- [DQR Companion Guide](#)
- [ACTION Data Dictionary Full Specifications](#)
- [ACTION DCRI Tool Training 8/17/2008](#)
- [NCDR Weight Conversion Chart](#)
- [ACTION STEMI Referenced Dosing Guide 2008](#)
- [Contact Us](#)
- [ACTION Registry-GWTG Instructions for Completing the Data Collection Form](#)
- [DQR Training New User](#)
- [ACTION Outcomes Report Glossary \(v1.6\)](#)
- [ACTION Website User Guide](#)
- [ACTION Operational Reports Quick Reference Card](#)
- [ACTION Outcomes Report Interpretation Manual \(v2.0\)](#)
- [ACTION Design Circulation CVQO](#)
- [ACTION Outcomes Report Glossary v2.0.1](#)
- [Data Collection Tool for NCDR tool Users v2.1](#)
- [ACTION Coders Data Dictionary](#)
- [DQR Quick Reference Card](#)
- [Understanding Composites & Thresholds](#)
- [NCDR Height Conversion Chart](#)
- [ACTION NSTEMI Referenced Dosing Guide 06/23/2008](#)
- [ACTION Program Summary](#)
- [FAQ for Recruitment to ACTION GWTG 06/02/2008](#)
- [ACTION Completeness Assessment Thresholds](#)
- [DQR Training Experienced User](#)
- [ACTION Interpretation Manual \(v1.4\)](#)
- [ACTION Operational Reports Glossary \*\*NEW\*\*](#)
- [ACTION Data Collection Tool \(v2.0\) Quick Reference Card](#)
- [ACTION Outcomes Report Glossary \(v2.0\)](#)
- [ACTION Data Collection Form - Limited](#)
- [ACTION Outcomes Report Interpretation Manual v2.0.1](#)

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